

Earthdata UTC Meeting 9.30.2014

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

3. URS

- **URS Integration Information on SSO and the API's can be found under:** [EOSDIS User Registration System](#)
 - Java SSO and API servlet based examples now available.
- **DAAC On-boarding Status and Integration Schedule can be found under:** [Component Integration Status](#)
- **URS4 Development**

Current Sprint 2.31, release 4.16

- Support for EULA on authorization page.
- Additional CORS support for Javascript.

Recently Delivered URS4 Features (Currently available in Production):

- Customization of Authorization page with DAAC specific logo and additional text.
- CORS support for javascript
- Ability to test for the presence of an email address in URS
- Application level control over redirection page
- SSO support for cURL and wget users
- Capability for client applications to query URS and obtain profiles of those users who had previously authorized them to access their profiles.
- Capability for an application to always require user log-in (e.g. for ASTER DAR tool).
- Apache-based URS-4 Plug-in Authentication module

Request for Feedback: URS Field Deprecation Impacts

- Looking at potential impacts for deprecating "Address" and "User Type" fields from URS
- Please review ordering systems and other integration points for dependencies on these fields

4. GIBS

- **New/Planned Products**
 - [AMSR Cryosphere](#) - AESI[6|12|25] Sea Ice & Snow Coverage Products
 - Released in Worldview
 - [MODIS Collection 6](#) - Atmosphere & Land Reprocessing
 - Supporting 3-month data/image test this week
 - [ASTER GDEM](#) - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index, Floating TIFF
 - Actively testing imagery generation & ingest.
 - [MEaSURES Wetlands](#)
 - Actively testing imagery generation & ingest.
 - [GPM](#) - Precipitation (Rain & Snow) and Brightness Temperatures
 - Awaiting test delivery from production environment
- **GIBS Technical Working Group**
 - Granule Requirements
 - Access Requirements Completed 9/25/14
 - Continued discussion re: layer identification
 - Provider Requirement Review to complete 10/3/14
 - GIBS Granule Design to begin 10/6

- 1. Attendance
- 2. EMS Status
- 3. URS
- 4. GIBS
- 5. Earthdata Search Client
 - Reminder
- 6. ECHO/CMR
 - ECHO System Status
 - ECHO Release Status
 - ECHO/CMR Discussion Topics/Reminders
 - ECHO Upcoming Events
- 7. Open Floor
- Release Calendar

- Next Topic - TBD
 - QA Flag Layers
 - Visualization Metadata
- **GIBS New Production Release**
 - Mid-Late October UAT planned
- **General**
 - MODIS Corrected/Land Surface Reflectance Layers in Science on a Sphere Catalog
 - ICD Updated in COMET. Imagery providers encouraged to review latest revision.

5. Earthdata Search Client

Reminder

The Earthdata search client is starting beta testing and is looking for feedback.

UAT Test Environment (v0.21.1)

- <https://search.uat.earthdata.nasa.gov/>
- Searches ECHO Partner Test Holdings

Operations Beta Environment (v0.21.0)

- <https://search.earthdata.nasa.gov/>
- Searches ECHO Operational Holdings

6. ECHO/CMR

ECHO System Status

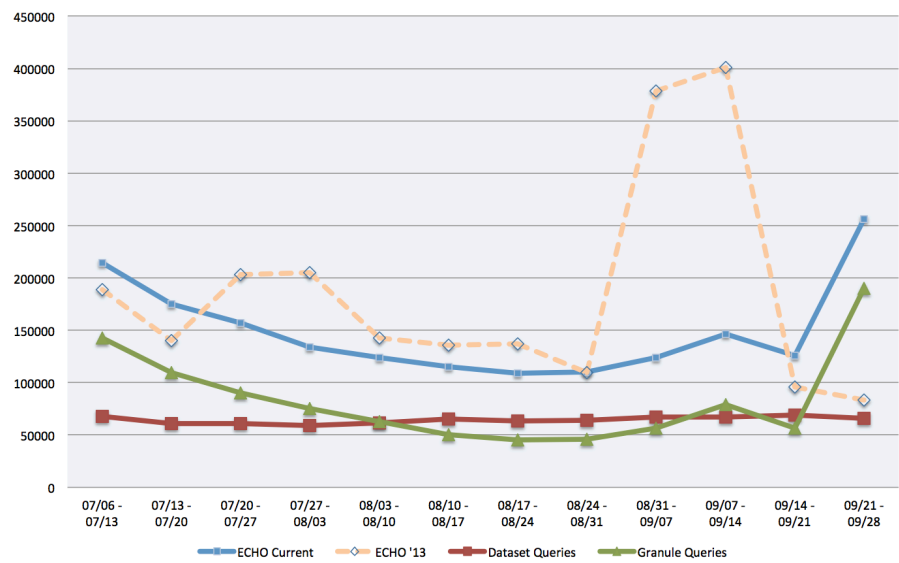
System Issues

- [9/22 9:55am - 10:00am ET Reverb outage](#) - 2 kernel nodes reporting bad connections quickly caused an outage. The offending nodes were recycled and Reverb became responsive again.
- [9/23 8:00am - 8:34am ET ECHO outage](#) – ECHO Operations had to cold start kernels in Operations due to inability to gain new db connections.

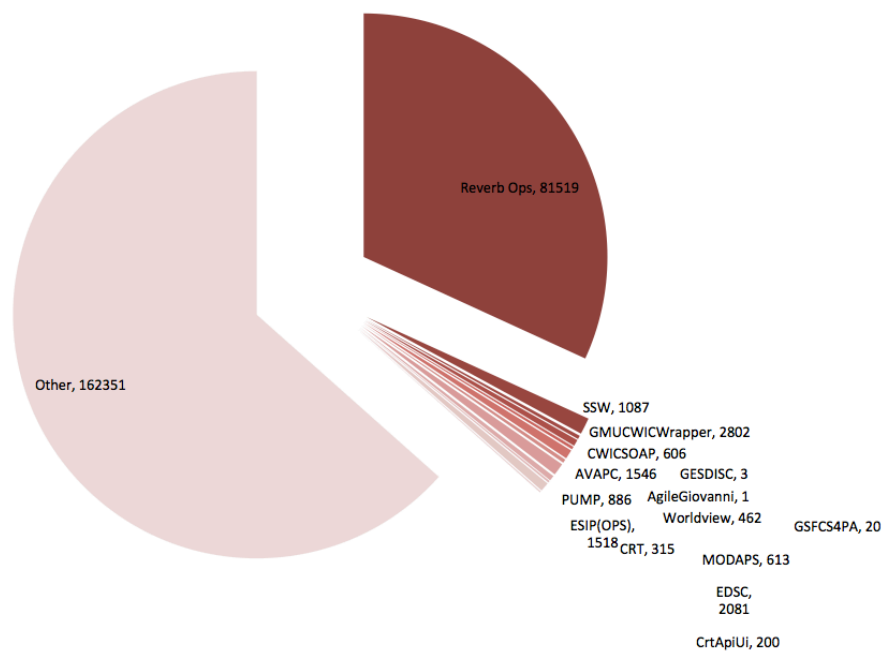
Recent Metrics

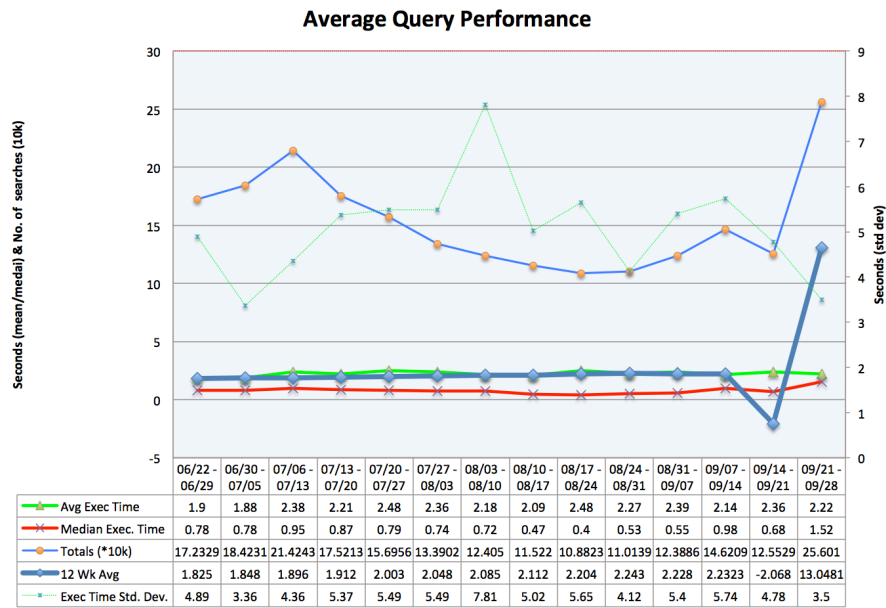
▼ [Click here to expand...](#)

Total ECHO Queries



Client Usage





ECHO Release Status

✓ In Operations: 10.82

3 week sprint, ended 8/1, pushed to operations 9/10

Number	Product	Summary	Status
11014510	Catalog REST	Catalog REST json format should return enough information to render spatial for orbit granules	Needs Verification
11014650	Reverb	Reverb Science Keyword selection not loading for IE 9	Closed
11014654	Reverb	Poor performance for really complex ECHO forms	Closed
11014655	Reverb	Add a tree control to ECHO forms	Closed
11014666	Reverb	In IE9, Reverb not showing Subsetting Options when ordering a granule	Closed
11014702	Backported to 10.81	Granule additional info does not load	Closed
11014707	ECHO Kernel	ECHO kernel should check local user db table when running in torquebox locally	Closed
11014708	Catalog REST	ECHO does not handle underscores in URS application IDs correctly	Closed

✓ In Development/Testbed: 10.84

Number	Product	Summary	Status
11012024	Reverb	Ordering button should be disabled if no items are orderable	Closed
11014503	REST API	Add availability endpoint for echo-rest and catalog-rest	Fixed
11014598	Reverb	Reverb 'Perform Service' inefficient for large number of granules	Fixed
11014650	Backported to 10.82	Reverb Science Keyword selection not loading for IE 9	Closed
11014673	Reverb	Reverb 10.79. Reverb is incorrectly rendering Archive Center for ISO products	Closed
11014688	Documentation	Update catalog-rest granule search documentation to include ".kml" as a format.	Fixed
11014711	Reverb	replace fixtures with VCR in reverb cucumber tests	Fixed
11014717	ECHO	UMM-C: Add Product Flag Element to ECHO10 schema	Fixed
11014719	Reverb	Reverb 10.79.13. Reverb sessions logging out too frequently	Verify Failed
11014724	ECHO	Catalog-Rest returns REST_CONFLICT error on ingesting SMAP ISO data	Fixed
11014728	Reverb	Intermittent rendering issue in ECHO form tree control	Fixed
11014731	Backported to 10.81	Additional order options button is displaying for datasets which dont allow it	Closed
11014739	Catalog REST	Catalog REST should allow disabling Ingest of new data.	Fixed
11014740	ECHO	Tree widget doesn't include data layer when branch is collapsed	Closed
11014763	Catalog REST	10.83 TB: Reverb fails on any dataset search that belongs to a provider who's name contains an underscore	Fixed
11014781	ECHO	Only return ingest error to client if 'primary' ingest fails	Fixed

11014787	Catalog REST	[CMR] ATOM results use CMR search URI for ID rather than the catalog-rest URI	Closed
11014796	Catalog REST	[CMR] json format for updated_since granule queries give a 500 error	Fixed
11014807	Catalog REST	CMR returns 413 on GET requests with long query params	Fixed

ECHO/CMR Discussion Topics/Reminders

Update: CMR to Partner Test - Release 10.84

- **September 17** - ECHO began to submit queries to CMR to verify results.
- ECHO results are still being returned to Reverb and ECHO API users. We anticipate that CMR results will begin being returned within the next week. Subscribers to echo-status-internal mailing list will be notified when this change occurs.
- We continue to work on 10.84 and prepare for operational rollout of the CMR. No new functionality is being worked on ECHO.
- **If you are interested in conducting tests with the CMR API in this environment, please email me (kathleen.baynes@nasa.gov) for more information and preliminary API documentation.**

If you have issues/comments/questions with these releases, please email support@earthdata.nasa.gov

ECHO Upcoming Events

Planned Maintenance

- Misc OS patching (live)

7. Open Floor

Release Calendar

Team Calendars

